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IBM DOCKET:

FIS920010162US1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR:	Charles L. Arvin et al.)	EXAMINE	R:
SERIAL NO.:)	ART UNI	Γ:
FILING DATE:)	DATE:	October 30, 2001
FOR:	A REWORK METHOD FOR FINISHING METALLURGY ON CHIP CARRIERS)		•

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

In accordance with 37 CFR 1.56, 1.97 and 1.98, the following items are made of record to assist the Patent & Trademark Office in its examination of this application and is, in the opinion of the attorney designated below for applicant(s), information relevant to the closest prior art of which that person is aware. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that no other art than that identified exists.

<u>PATENT NO.</u>	<u>INVENTOR</u>	ISSUE DATE
4,007,037	Lukes et al.	February 8, 1977
4,502,924	Minami et al.	March 5, 1985
5,489,410	Baumgartner et al.	February 6, 1996
5,549,809	Barreau et al.	August 27, 1996
5,682,415	O'Hara	October 28, 1997
5,768,339	O'Hara	June 16, 1998
5,858,55 7	Yoon et al.	January 12, 1999
6,083,375	Cheng et al.	July 4, 2000



A copy of each of the foregoing items and Form PTO 1449 are enclosed herewith.

Respectfully submitted,

By:

Attorney: John J. Tomaszewski

Reg. No.: 26,241

DeLIO & PETERSON, LLC 121 Whitney Avenue New Haven, CT 06510 (203) 787-0595

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, as "Express Mail Post Office to Addressee" Mailing Label No.

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October 30, 2001, Name of person mailing paper
Signature Karen Cinq-Mars Date: ibmf100340000ids1

Sheet 1 of 1

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: FIS920010162US1	SERIAL NO.:	S. PT.
	FORMATION DISCLOSURE FATEMENT BY APPLICANT	APPLICANT: Charles L. A	rvin et al.	0/016
(Use (37 CFR 1.98(b))	several sheets if necessary)	FILING DATE:	GROUP:	315

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	4,007,037	02/08/77	Lukes et al.			
	AB	4,502,924	03/05/85	Minami et al.			
	AC	5,489,410	02/06/96	Baumgartner et al.			
	AD	5,549,809	08/27/96	Barreau et al.			
	AE	5,682,415	10/28/97	O'Hara			
	AF	5,768,339	06/16/98	O'Hara			
	AG	5,858,557	01/12/99	Yoon et al.			
	AH	6,083,375	07/04/00	Cheng et al.			
-	Al						
	AJ						•
	AK	-				-	

FOREIGN PATENT DOCUMENTS

		PUBLICATION	COUNTRY OR		SUB-	TRANSLATION	
	DOCUMENT NUMBER	DATE	PATENT OFFICE	CLASS	CLASS	YES	NO
 AL			- 1,54				
 AM							
 AN							
AO							
AP							<u> </u>

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AQ		
AR		
AS		
EXAMINER	DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ibmf100340000ids2